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PATENT  
Attorney Docket No. 3397.1

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Simon Cawley et al.

Examiner: Lori A. Clow

Serial No: 10/006,174

Group Art Unit: 1631

Filing Date: December 4, 2001

Title: **Method and Computer Software  
for Products Determining Orientation of  
Sequence Clusters.**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT/ RESPONSE**

Sir:

In reply to the Final Office Action mailed December 7, 2004, Applicants respectfully request reconsideration of the pending rejections and reexamination of the present application in view of the following amendments and remarks:


**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

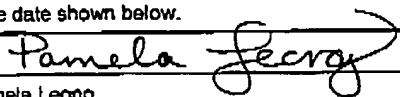
**Remarks/Arguments** begin on page 4 of this paper.

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/006,174	
	Filing Date	December 4, 2001	
	First Named Inventor	Simon Cawley	
	Art Unit	1631	
	Examiner Name	Lori A. Clow	
Total Number of Pages in This Submission	11	Attorney Docket Number	3397.1

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply (6 pages) <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request (in duplicate) <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input checked="" type="checkbox"/> Notice of Appeal (in duplicate) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> <div style="text-align: right;">             RECEIVED              JUN - 8 2005              OIPE/JC/VS           </div>		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm	Affymetrix, Inc.	
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Printed Name	Wei Zhou	
Date	June 7, 2005	Reg. No. 44,419

CERTIFICATE OF TRANSMISSION/MAILING			
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Signature			
Typed or printed name	Pamela Leong	Date	June 7, 2005

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